AMENDMENTS TO THE SPECIFICATION

Replace the paragraph beginning on page 10, line 25, with the following:

Furthermore, because the communication device is configurable to implement a wide range of demodulator codes in the all-digital demodulator, it necessarily follows that a code generator must be able to provide this wide range of demodulation codes. In one embodiment, a configurable code generator unit (CGU) can provide any one of a wide variety of codes and types of codes according to the code configuration requests received. The wide variety of codes producible by configurable CGU, can include, but is not limited to: multiple types of channelization codes, multiply types of traffic codes, multiple types of user codes, and/or multiple types of extended codes. Some examples of code sequences to which the present invention can be applied include, but are not limited to: M-sequences, Gold codes, S2 codes, etc. One embodiment of such a configurable code generator is provided in the above-referenced co-pending US patent application serial number 09/751,782, now US patent number 6,567,017,——————————— entitled "A CONFIGURABLE CODE GENERATOR SYSTEM FOR SPREAD SPECTRUM APPLICATIONS" (attorney docket number 9824-0029-999). This related application is commonly assigned, and is hereby incorporated by reference.

Replace the paragraph beginning on page 16, line 31, with the following:

Notably, ELCD 112 can include configurable sub components and cross-coupling that allow different combinations of multiplication operations to be performed between the in-phase and quadrature-phase channel signal on line 105 and the in-phase and quadrature-phase code sequence inputs 162a and 162b. This configurability provides the present invention with an even greater scope of accommodating multiple transmission despreading and demodulating techniques. One embodiment of such a configurable sub component is provided in the above-referenced co-pending US patent application serial number 09/751,785——————————— entitled "A CONFIGURABLE MULTIMODE DESPREADER FOR SPREAD SPECTRUM APPLICATIONS" (attorney docket number 9824-0036-999).